

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	09/ 536133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 10:59
S2	7	("3610227"   "4694478"   "5482048"   "5659625"   "5951498").PN. OR ("6261248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:01
S3	1661	yoshimoto.in. or yoshimoto- takaishi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:05
S7	10	S3 and (ray).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:06
S8	1177	hitoshi.in. and Canon.asnm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:17
S9	188	S8 and gradation	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:17
S10	15	S9 and inoue	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 11:18
S19	19	Yamashita.in. and (Teijin. asnm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 11:27

S22	3	S19 and bone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 11:27
S23	5	S19 and ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 11:28
S24	1	10/ 565863	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 12:18
S25	1507	382/ 132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 12:18
S26	48	premolar with (alveolar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 12:19
S27	26	S26 and density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 12:19

S28	13	S27 and (X-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 12:20
S29	29	("3965143"   "4001286"   "4009282"   "4025645"   "4113882"   "4132738"   "4181725"   "4185100"   "4201788"   "4254145"   "4282216"   "4353896"   "4360518"   "4459310"   "4473565"   "4515810"   "4707495"   "4764377"   "4840968"   "4889845"   "4919939"   "4925873"   "5015481"   "5145686"   "5167952"   "5310759"   "5324746"   "5510384"   "5994399").PN. OR ("7241746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:21
S31	5620	(mandible or maxilla)	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:22
S32	264	premolar and alveolar	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:22
S33	123	S31 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:22
S34	13	S28 and S33	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:22
S35	0	S34 and 382/ 128.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:24

S36	39	S31 and 382/ 128.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:24
S37	0	S36 and S28	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:25
S38	6	10/ 154717	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:26
S39	1265	S31 and x-ray	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:27
S41	60	S39 and "382".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 12:27
S42	807756	gradation or intensity	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:42
S43	870745	S42 or luminance	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:42
S44	2049861	(mean near3 value) or mean or average	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:43
S45	602003	variance or ("standard deviation") or deviation	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:43
S46	3909	S43 with S44 with S45	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:43
S49	5620	(mandible or maxilla)	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:44
S50	14	S46 and S49	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:44
S51	1237	S46 and histogram	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:45
S52	14	S51 and S49	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:45

S53	5740	display\$3 with histogram	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:46
S54	104	S46 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:46
S55	48	premolar with (alveolar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 20:46
S56	26	S55 and density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 20:46
S57	13	S56 and (X-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 20:46
S58	1	S54 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:46
S59	23	S54 and (X-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 20:47
S60	172	S43 with S44 with S45 with histogram	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:49
S61	46	S60 and (X-ray or "x ray")	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:49

S62	2	S43 with S44 with S45 with S53	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:52
S63	2	S43 with S44 with S45 with (display\$3 with histogram)	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:53
S64	3377	bone near3 mineral near3 density	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:58
S66	2057	S64 and (x-ray or "x ray")	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:58
S67	25	S66 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 20:59
S68	19203	gamma near3 correct\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:15
S69	309	S68 with histogram	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:15
S70	35	display\$3 with S69	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:15
S71	5740	display\$3 with histogram	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:17
S72	6	S68 with S44 with S45	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:18
S73	0	S71 and S72	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:18
S74	2215	S68 and S44 and S45	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:19
S75	50	S74 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:19
S76	26938	correct\$3 with (gradation or gamma)	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:22

S77	1616	S76 and (X-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 23:23
S78	189	S77 and "382".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 09 23:23
S79	0	("2007/ 0041636").URPN.	USPAT	OR	ON	2010/ 06/ 09 23:46
S80	13	("4641267"   "5046118"   "5150421"   "5224177"   "5581370"   "5854851"   "6215900"   "6370265"   "6574307"   "6614877"   "6671394"   "6819794"   "6934409").PN. OR ("7433515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 09 23:47
S81	1	10/ 565863	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 02:09
S82	203	ideal near3 histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 03:20

S83	8873984	convert\$3 or chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 03:20
S84	11	S83 with S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 03:20
S86	617	(gaussian or pdf or cdf or "probability density function") near3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:29
S87	177	gaussian near3 correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:29
S88	0	S87 with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:31
S89	118	S86 and histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:31

S90	13	S89 and (x-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:43
S91	2650184	(mean or average)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:44
S92	290576	(variance or "standard deviation")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:45
S93	90468	S91 with S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:45
S94	1588	S93 with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:45
S95	233	S94 and (x-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:45

S96	23	S87 and histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:52
S97	1588	histogram with S91 with S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:52
S98	21	correct\$3 with S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:53
S99	8	"6044179"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:54
S100	29	"6198845"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 17:54
S101	3658	detect\$3 with S91 with S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:10

S102	566	S101 and histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:10
S104	203	S102 and "382".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:10
S105	67	S102 and (x-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:15
S106	0	EP1411472	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:26
S107	2	EP-1411472-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:26
S110	60605	canon.asnm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:27

S111	238	S91 and S92 and histogram and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:27
S112	68	S111 and gradation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:28
S113	874	382/ 168.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:38
S114	0	S103 and S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:38
S115	228	S113 and S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:39
S116	28	S115 and (x-ray or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:39

S117	5147	gaussian near2 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:51
S118	24	S117 with S91 with S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 18:52
S119	1003261	normaliz\$3 or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:35
S120	2052533	(mean near3 value) or mean or average	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 10 22:36
S121	44853	S119 with (S120 or bright \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:36
S122	602855	variance or ("standard deviation") or deviation	US-PGPUB; USPAT; USOCR	OR	ON	2010/ 06/ 10 22:36
S123	27638	S119 with (S122 or contrast)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:36

S124	7340	S121 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:36
S125	628	S124 and (x-ray or "X ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:36
S126	874	382/ 168.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:37
S127	6	S125 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/ 06/ 10 22:37

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